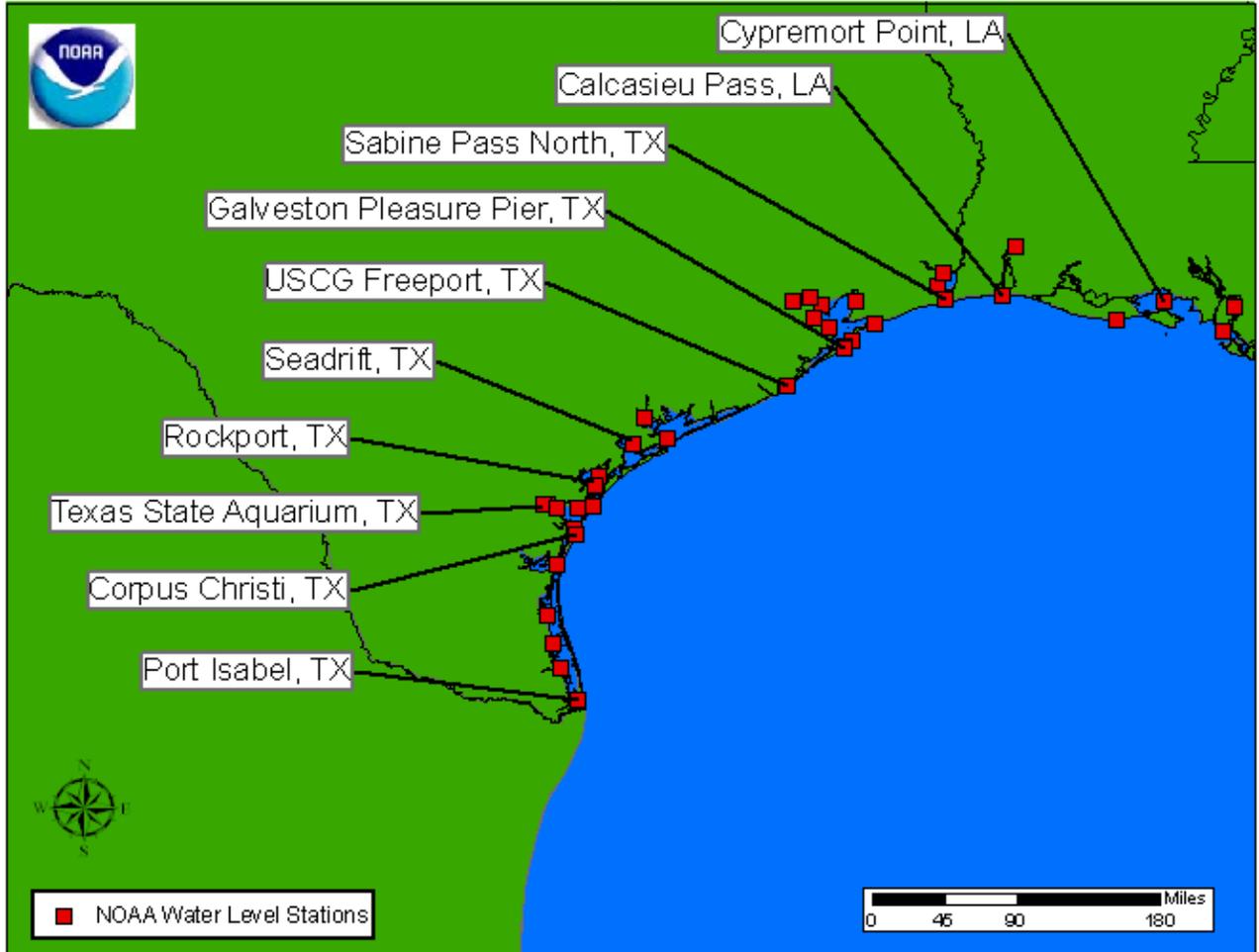




Tropical Storm DOLLY QuickLook
Posted: 23:00 CDT 07/23/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/23/2008 23:00 CDT, Port Isabel water levels have fallen rapidly and have returned to near predicted values since DOLLY has moved inland. Water levels north of landfall, from Texas to west Louisiana still remain elevated from 1 to 3 feet above predicted, however some stations are beginning to see falling water levels. Barometric pressure continues to rise at Port Isabel and has also begun to rise at Corpus Christi and Rockport, TX.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX: Next predicted high tide is 0.80 ft (0.24 m) on 07/24/2008 at 07:03 CDT.

Corpus Christi, TX: Next predicted high tide is 1.07 ft (0.33 m) on 07/24/2008 at 07:12 CDT.

Texas State Aquarium, TX: Next predicted high tide is 0.18 ft (0.05 m) on 07/24/2008 at 00:09 CDT.

Rockport, TX: Next predicted high tide is 0.15 ft (0.05 m) on 07/24/2008 at 09:18 CDT.

Seadrift, TX: Next predicted high tide is 0.12 ft (0.04 m) on 07/24/2008 at 02:24 CDT.

USCG Freeport, TX: Next predicted high tide is 1.18 ft (0.36 m) on 07/24/2008 at 07:33 CDT.

Galveston Pleasure Pier, TX: Next predicted high tide is 1.50 ft (0.46 m) on 07/24/2008 at 06:57 CDT.

Sabine Pass North: Next predicted high tide is 1.30 ft (0.40 m) on 07/24/2008 at 07:12 CDT.

Calcasieu Pass, LA: Next predicted high tide is 1.60 ft (0.49 m) on 07/24/2008 at 06:16 CDT.

Cypremort Point, LA: Next predicted high tide is 1.21 ft (0.37 m) on 07/24/2008 at 09:36 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE DOLLY ADVISORY NUMBER 15

...DOLLY WEAKENS TO A TROPICAL STORM BUT HEAVY RAINS CONTINUE...

AT 10 PM CDT....ALL HURRICANE WARNINGS ALONG THE COASTS OF TEXAS AND MEXICO HAVE BEEN DISCONTINUED.

AT 10 PM CDT...A TROPICAL STORM WARNING IS IN EFFECT FROM BROWNSVILLE TO PORT ARANSAS TEXAS. COASTAL TROPICAL STORM WARNINGS ELSEWHERE ARE DISCONTINUED.

AT 1000 PM CDT...THE CENTER OF TROPICAL STORM DOLLY WAS ABOUT 55 MILES NORTHWEST OF BROWNSVILLE TEXAS.

DOLLY IS MOVING TOWARD THE WEST NEAR 7 MPH...11 KM/HR. A TURN BACK TO THE WEST-NORTHWEST IS EXPECTED TOMORROW WITH A SLIGHT INCREASE IN FORWARD SPEED UNTIL THE SYSTEM DISSIPATES ON FRIDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 70 MPH...110 KM/HR...WITH HIGHER GUSTS. DOLLY IS EXPECTED TO CONTINUE WEAKENING AS IT MOVES FURTHER INLAND...AND DOLLY COULD BECOME A TROPICAL DEPRESSION BY LATE TOMORROW.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 115 MILES...185 KM FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 981 MB...28.97 INCHES.

DOLLY IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 8 TO 12 INCHES...WITH ISOLATED AMOUNTS OF 20 INCHES...OVER PORTIONS OF SOUTH TEXAS AND NORTHEASTERN MEXICO OVER THE NEXT FEW DAYS...CAUSING WIDESPREAD FLOODING IN THESE AREAS.

COASTAL STORM SURGE FLOODING WILL SUBSIDE TONIGHT.

ISOLATED TORNADOES ARE POSSIBLE OVER PORTIONS OF SOUTH TEXAS TODAY AND TONIGHT.

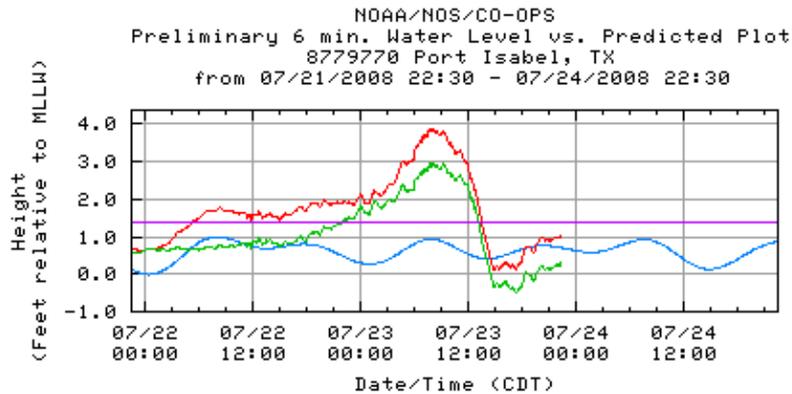
\$\$

FORECASTER FRANKLIN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port Isabel - Water Level](#), [Port Isabel - Air/Water Temp](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Corpus Christi - Water Level](#), [Corpus Christi - Air/Water Temp](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Texas State Aquarium - Water Level](#), [Rockport - Water Level](#), [Rockport - Air/Water Temp](#), [Rockport - Winds](#), [Rockport - Barometric](#), [Seadrift - Water Level](#), [USCG Freeport - Water Level](#), [USCG Freeport - Air/Water Temp](#), [USCG Freeport - Winds](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Galveston Pleasure Pier - Winds](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Air/Water Temp](#), [Sabine Pass North - Winds](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Cypremort Point - Water Level](#),

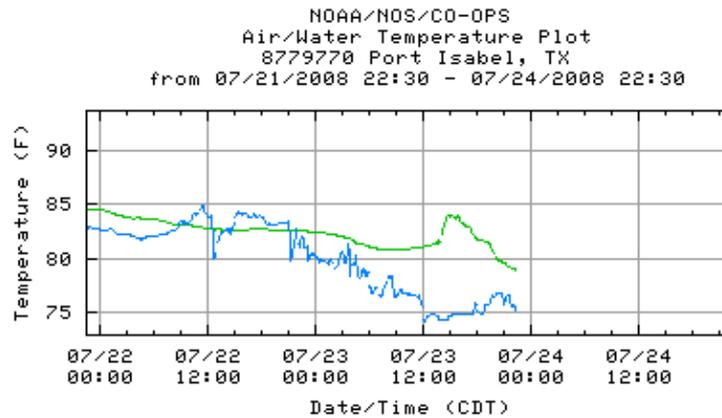
Port Isabel, TX - Station Map [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 07/23/2008 22:18 (CDT)
 Relative to **MLLW**: **Observed: 0.96 ft. Predicted: 0.72 ft. Residual: 0.24 ft.**
 Historical Maximum Water Level: 08/09/1980, 5.67 ft. above **MHHW**

Port Isabel, TX - Station Map [Return to List](#)

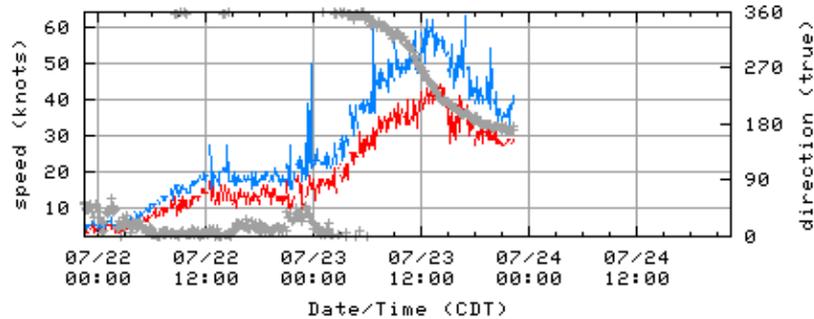


water temp. ——— air temp ———

Last Observed Sample: 07/23/2008 22:18 (CDT)
Water Temperature: 79.0° F Air Temperature: 75.4° F

Port Isabel, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8779770 Port Isabel, TX
from 07/21/2008 22:30 - 07/24/2008 22:30



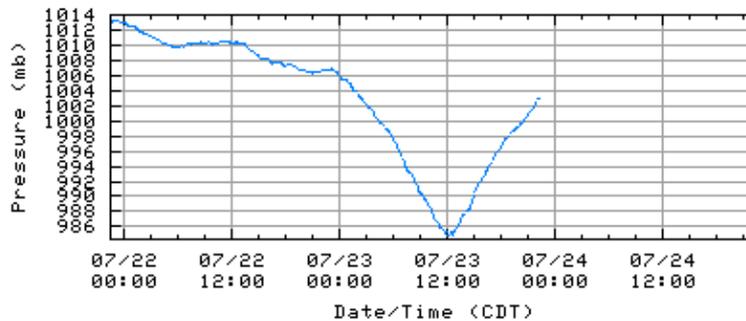
speed — gusts — direction +

Last Observed Sample: 07/23/2008 22:18 (CDT)

Wind Speed: 29 knots Gusts: 39 knots Direction: 171° T

Port Isabel, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8779770 Port Isabel, TX
from 07/21/2008 22:30 - 07/24/2008 22:30

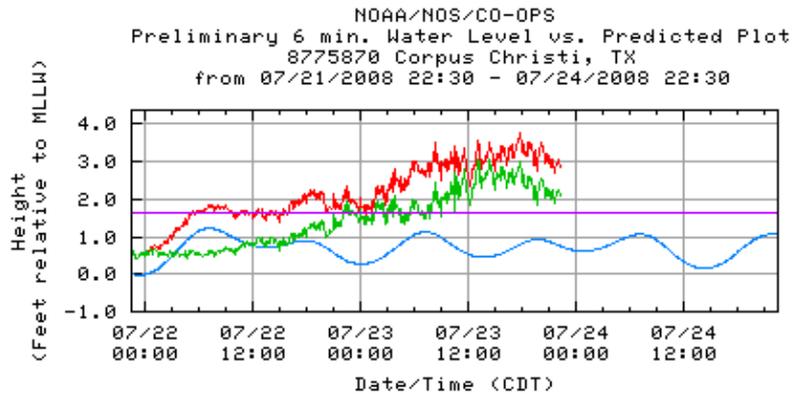


barometric pressure —

Last Observed Sample: 07/23/2008 22:18 (CDT)

Barometric Pressure: 1003.0 mb

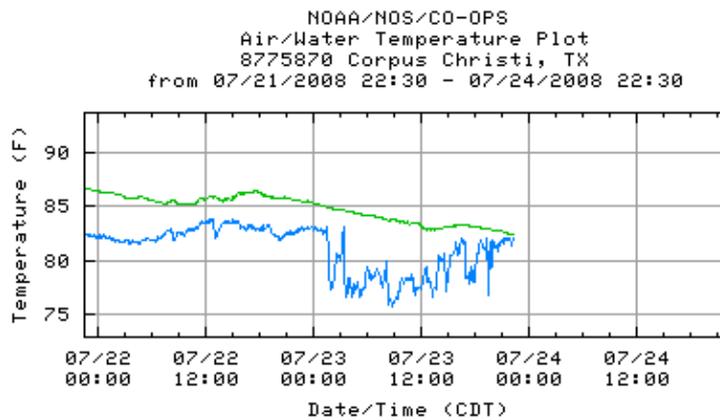
Corpus Christi, TX - Station Map [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 07/23/2008 22:18 (CDT)
 Relative to **MLLW**: **Observed: 2.83 ft. Predicted: 0.75 ft. Residual: 2.08 ft.**
 Historical Maximum Water Level: 09/10/1998, 3.33 ft. above **MHHW**

Corpus Christi, TX - Station Map [Return to List](#)

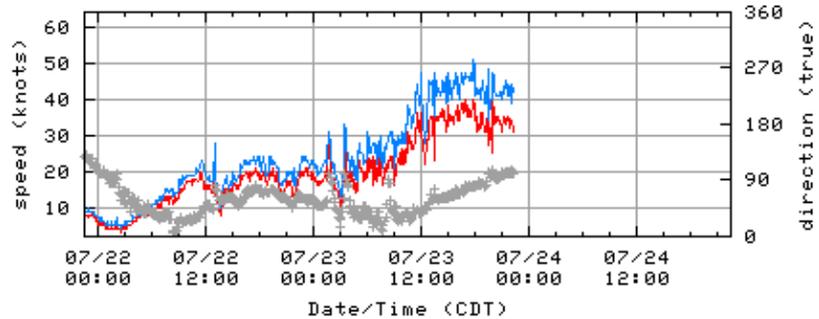


water temp. ——— air temp ———

Last Observed Sample: 07/23/2008 22:18 (CDT)
Water Temperature: 82.4° F Air Temperature: 82.0° F

Corpus Christi, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8775870 Corpus Christi, TX
from 07/21/2008 22:30 - 07/24/2008 22:30



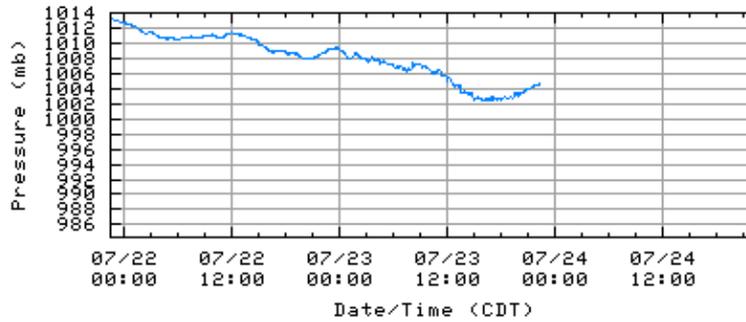
speed — gusts — direction +

Last Observed Sample: 07/23/2008 22:18 (CDT)

Wind Speed: 31 knots Gusts: 43 knots Direction: 102° T

Corpus Christi, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8775870 Corpus Christi, TX
from 07/21/2008 22:30 - 07/24/2008 22:30

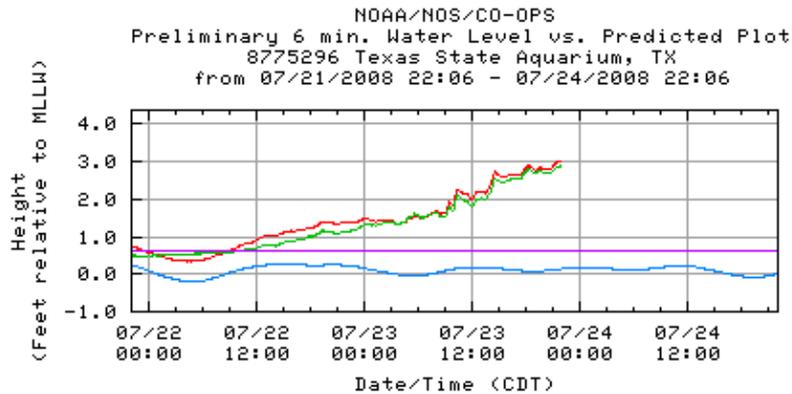


barometric pressure —

Last Observed Sample: 07/23/2008 22:18 (CDT)

Barometric Pressure: 1004.7 mb

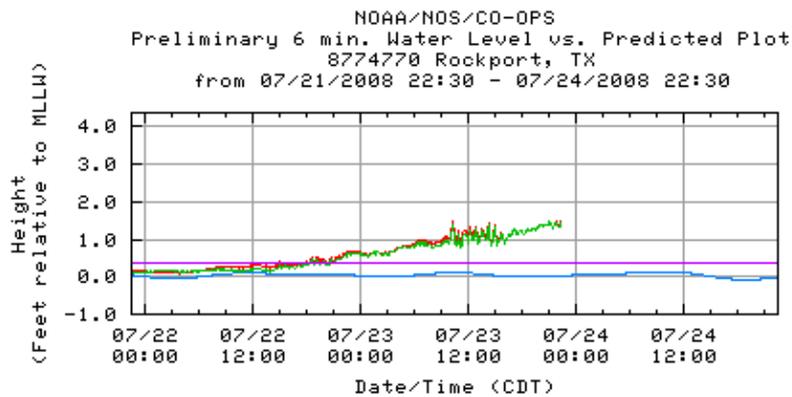
Texas State Aquarium, TX - Station Map [Return to List](#)



Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 07/23/2008 21:54 (CDT)
 Relative to **MLLW**: **Observed: 3.02 ft. Predicted: 0.14 ft. Residual: 2.88 ft.**
 Historical Maximum Water Level: n/a

Rockport, TX - Station Map [Return to List](#)

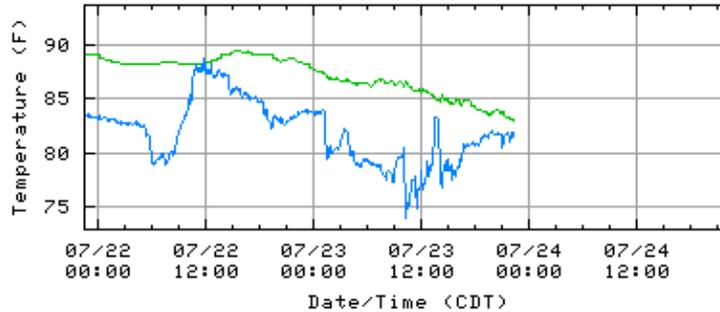


Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 07/23/2008 22:18 (CDT)
 Relative to **MLLW**: **Observed: 1.47 ft. Predicted: 0.03 ft. Residual: 1.44 ft.**
 Historical Maximum Water Level: n/a

Rockport, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8774770 Rockport, TX
from 07/21/2008 22:30 - 07/24/2008 22:30



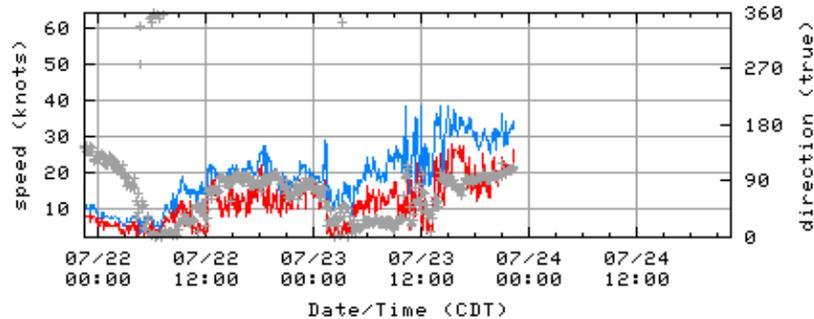
water temp. — air temp. —

Last Observed Sample: 07/23/2008 22:18 (CDT)

Water Temperature: 82.9° F Air Temperature: 81.5° F

Rockport, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8774770 Rockport, TX
from 07/21/2008 22:30 - 07/24/2008 22:30



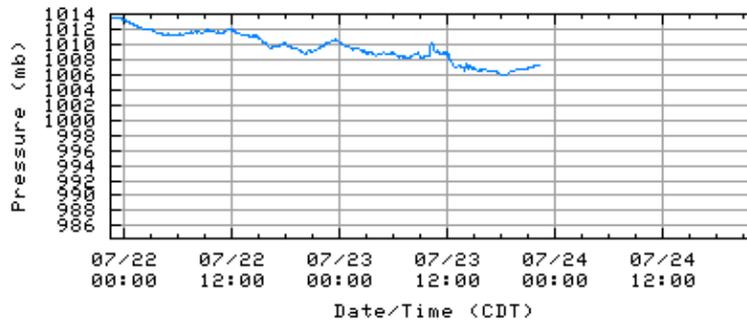
speed — gusts — direction +

Last Observed Sample: 07/23/2008 22:18 (CDT)

Wind Speed: 26 knots Gusts: 34 knots Direction: 112° T

Rockport, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8774770 Rockport, TX
 from 07/21/2008 22:30 - 07/24/2008 22:30



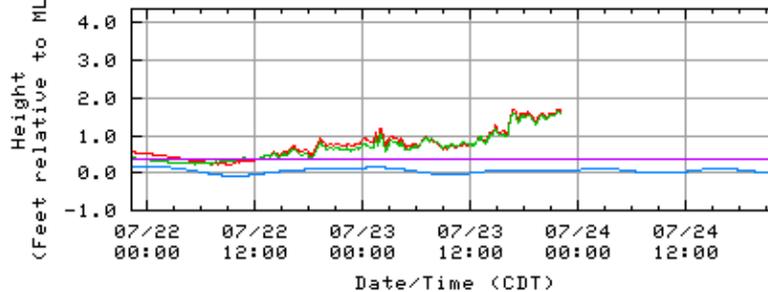
barometric pressure —

Last Observed Sample: 07/23/2008 22:18 (CDT)

Barometric Pressure: 1007.4 mb

Seadrift, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8773037 Seadrift, TX
 from 07/21/2008 22:12 - 07/24/2008 22:12



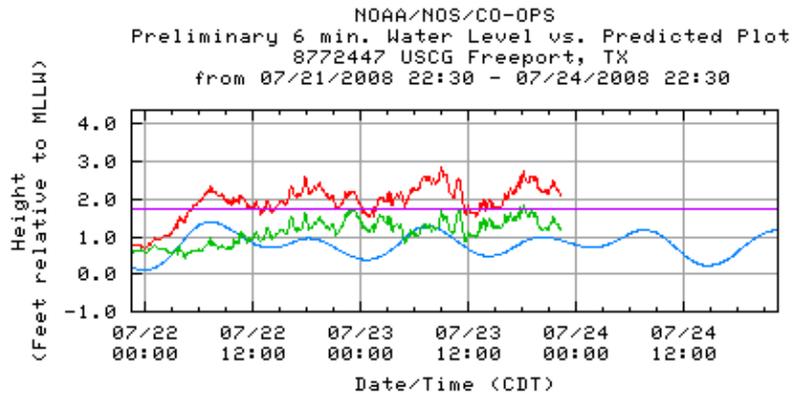
Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 07/23/2008 22:00 (CDT)

Relative to **MLLW**: Observed: 1.65 ft. Predicted: 0.06 ft. Residual: 1.59 ft.

Historical Maximum Water Level: n/a

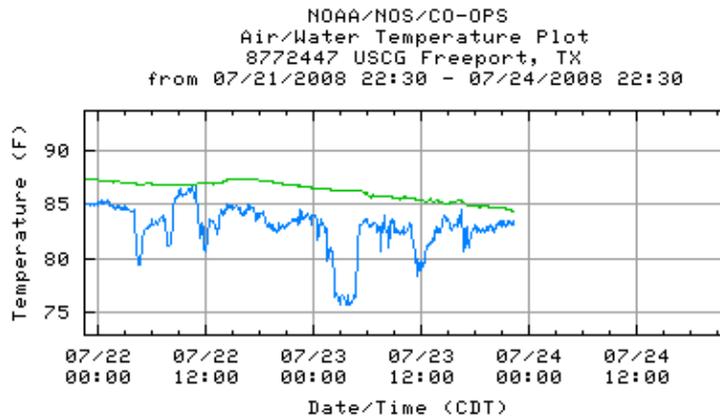
USCG Freeport, TX - Station Map [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 07/23/2008 22:18 (CDT)
 Relative to **MLLW**: **Observed: 2.07 ft. Predicted: 0.91 ft. Residual: 1.16 ft.**
 Historical Maximum Water Level: n/a

USCG Freeport, TX - Station Map [Return to List](#)

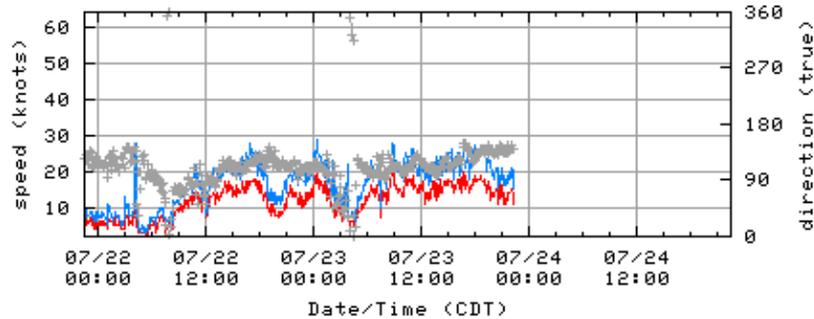


water temp. ——— air temp ———

Last Observed Sample: 07/23/2008 22:18 (CDT)
Water Temperature: 84.4° F Air Temperature: 83.5° F

USCG Freeport, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8772447 USCG Freeport, TX
 from 07/21/2008 22:30 - 07/24/2008 22:30



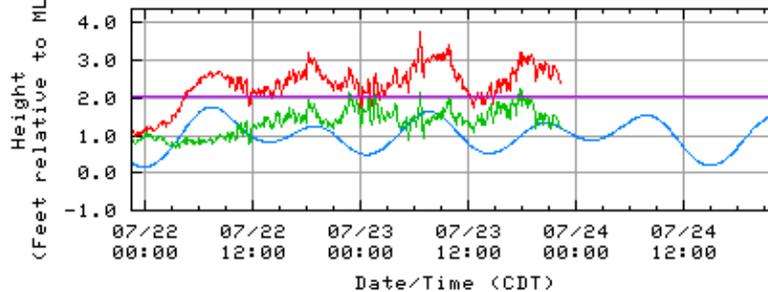
speed — gusts — direction +

Last Observed Sample: 07/23/2008 22:18 (CDT)

Wind Speed: 11 knots Gusts: 15 knots Direction: 141° T

Galveston Pleasure Pier, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8771510 Galveston Pleasure Pier, TX
 from 07/21/2008 22:30 - 07/24/2008 22:30



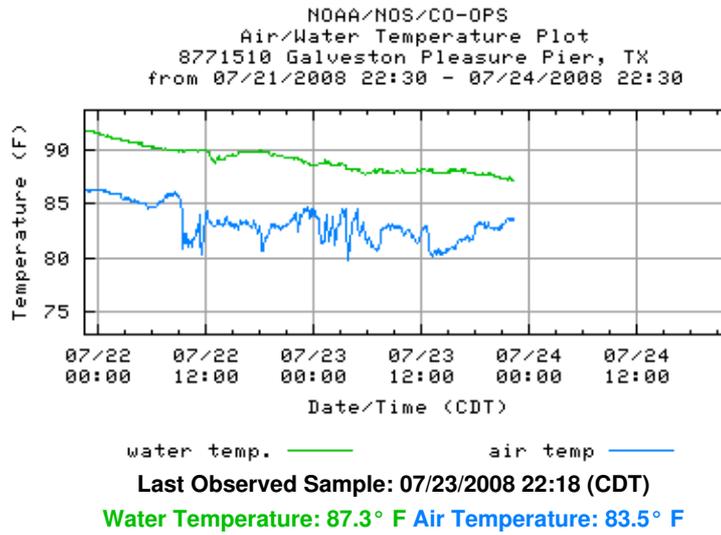
Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 07/23/2008 22:18 (CDT)

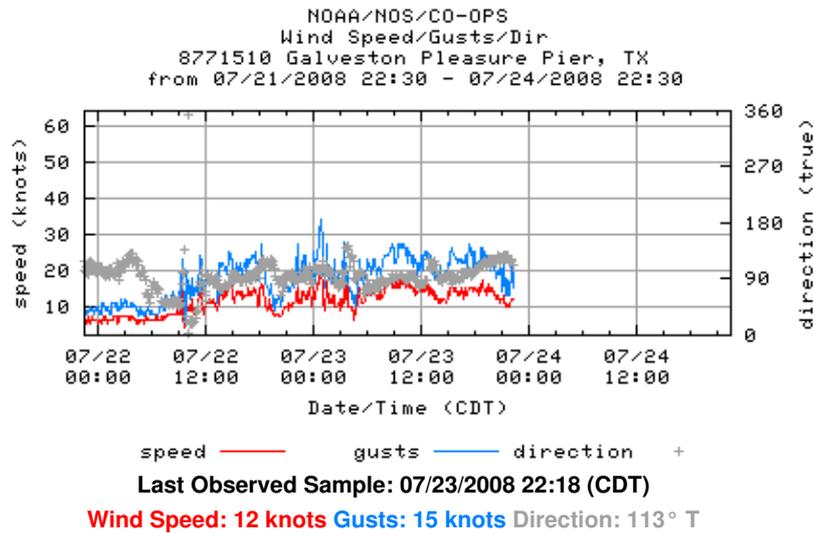
Relative to **MLLW**: Observed: 2.42 ft. Predicted: 1.21 ft. Residual: 1.21 ft.

Historical Maximum Water Level: 09/11/1961, 7.16 ft. above **MHHW**

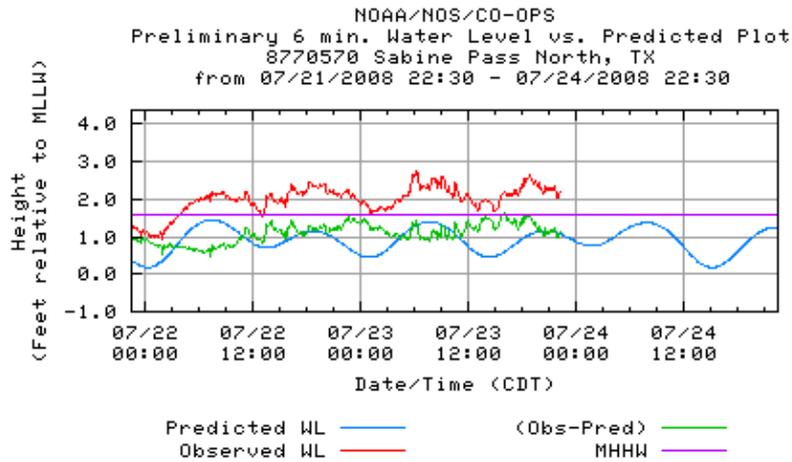
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



Galveston Pleasure Pier, TX - Station Map [Return to List](#)

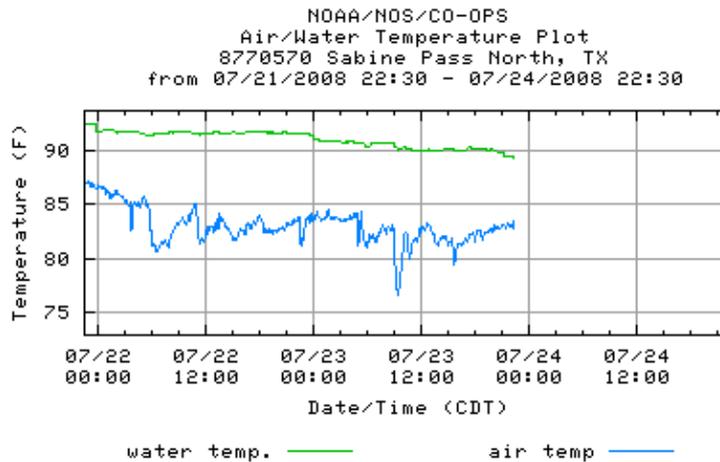


Sabine Pass North, TX - Station Map [Return to List](#)



Last Observed Sample: 07/23/2008 22:18 (CDT)
 Relative to **MLLW**: **Observed: 2.19 ft. Predicted: 1.07 ft. Residual: 1.12 ft.**
 Historical Maximum Water Level: 09/11/1998, 3.32 ft. above **MHHW**

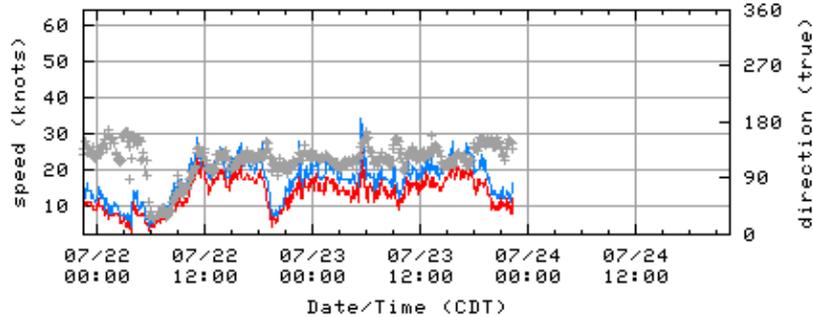
Sabine Pass North, TX - Station Map [Return to List](#)



Last Observed Sample: 07/23/2008 22:18 (CDT)
Water Temperature: 89.4° F Air Temperature: 82.8° F

Sabine Pass North, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8770570 Sabine Pass North, TX
 from 07/21/2008 22:30 - 07/24/2008 22:30



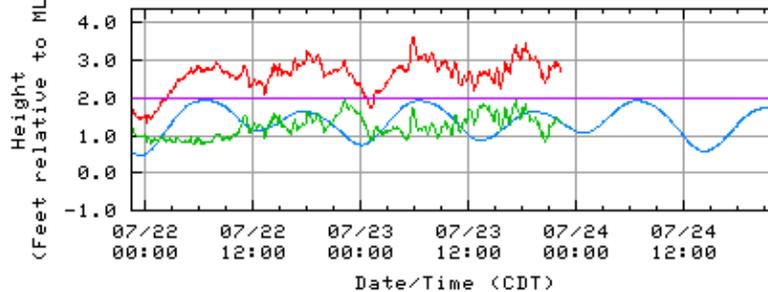
speed — gusts — direction +

Last Observed Sample: 07/23/2008 22:18 (CDT)

Wind Speed: 8 knots Gusts: 16 knots Direction: 145° T

Calcasieu Pass, LA - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8768094 Calcasieu Pass, LA
 from 07/21/2008 22:30 - 07/24/2008 22:30



Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

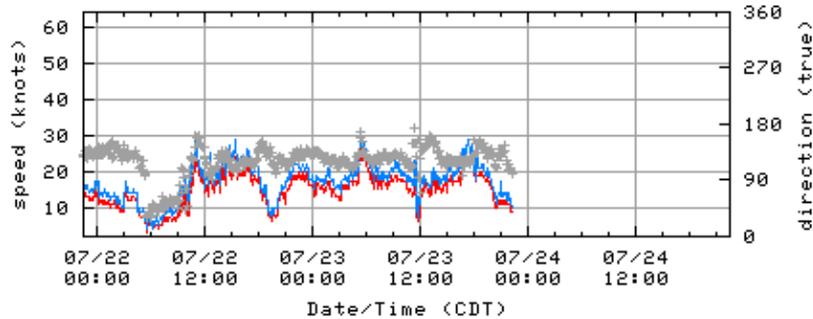
Last Observed Sample: 07/23/2008 22:18 (CDT)

Relative to **MLLW**: Observed: 2.69 ft. Predicted: 1.37 ft. Residual: 1.32 ft.

Historical Maximum Water Level: n/a

Calcasieu Pass, LA - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8768094 Calcasieu Pass, LA
 from 07/21/2008 22:30 - 07/24/2008 22:30



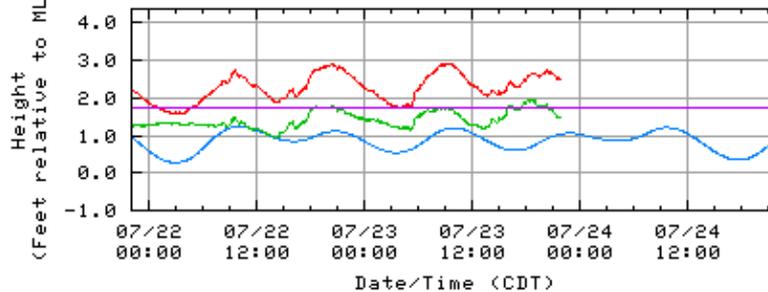
speed — gusts — direction +

Last Observed Sample: 07/23/2008 22:12 (CDT)

Wind Speed: 9 knots Gusts: 10 knots Direction: 102° T

Cypremort Point, LA - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8765251 Cypremort Point, LA
 from 07/21/2008 22:06 - 07/24/2008 22:06



Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 07/23/2008 21:48 (CDT)

Relative to **MLLW**: Observed: 2.50 ft. Predicted: 1.03 ft. Residual: 1.47 ft.

Historical Maximum Water Level: n/a

Tropical Storm DOLLY QuickLook, POSTED 23:00 CDT 07/23/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce